



02 Rec'd PCT/PTO 15 APR 2002

PATENT

#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Barry Hemblade

Appln. No.: 09/980,806

Filed : October 18, 2001

For : ELECTRICAL RESISTANCE SENSOR  
AND APPARATUS FOR MONITORING  
CORROSION

Docket No.: C60.12-0001

Group Art Unit:

RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS  
UNDER 35 U.S.C. § 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

DAY OF April, 2002

PATENT ATTORNEY

04/19/2002 MALI11 00000111 09980806

01 FC:154

130.00 OP

Sir:

In response to the Notice to File Missing Requirements  
under 35 U.S.C. § 371 dated February 5, 2002, Applicant encloses  
the following documents to complete the above-identified patent  
application filed October 18, 2001:

1. Credit Card Payment Form for \$130.00.
2. Combined Declaration and Power of Attorney executed by  
the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Notice to File Missing Requirements under 35 U.S.C. §  
371.

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Nickolas E. Westman, Reg. No. 20,147  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

NEW:tas

# FEE TRANSMITTAL



Complete if Known

Application No.	09/980,806
Filing Date	October 18, 2001
First Named Inventor	Barry Hemblade
Title	ELECTRICAL RESISTANCE SENSOR AND APPARATUS FOR MONITORING CORROSION
Group Art Unit	
Examiner Name	
Atty. Docket Number	C60.12-0001

Total Amount of Payment \$ 130

## METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.  
Westman, Champlin & Kelly, P.A.

2. ☐ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
101	740	201	370	<input type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$ 0

### 2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	0	20	0	18	0
Indep.	0	3	0	84	0

Multiple Dependent Claims

\*\* Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity		Small Entity		Description
Code	Fee (\$)	Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent Claims
109	84	209	42	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) \$ 0

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	130
127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For Filing a Request for Reexamination. (ex parte)	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	280	980	Extension for reply within fifth month	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
148	110	248	55	Terminal Disclaimer Fee	
140	110	240	55	Petition to Revive - unavoidable	
141	1,310	241	670	Petition to Revive - unintentional	
142	1,310	242	670	Utility/Reissue issue fee (inc. advance copies)	
143	490	243	260	Design issue fee (inc. advance copies)	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	

Other Fee (specify) \_\_\_\_\_

Subtotal (3) \$130

Signature Nickolas E. Westman  
(Nickolas E. Westman)

Date 4/15/02

Reg. No. 20,147

Deposit Account No. 23-1123

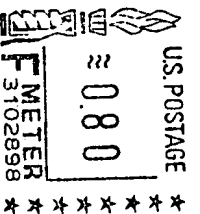
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DOCUMENT PROCESSING  
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09/980, 806

J002 Rec'd PCT/PTO 15 APR 2002



**FIRST CLASS MAIL**

WESTMAN, CHAMPLIN & KELLY  
A PROFESSIONAL ASSOCIATION  
SUITE 1600 INTERNATIONAL CENTRE 900 SECOND AVENUE SOUTH MINNEAPOLIS, MN 55402-3319

TO: BOX MISSING PARTS  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

PCT/B

FEB 11 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

 Commissioner for Patents, Box 89, I  
 United States Patent and Trademark Office  
 Washington, D.C. 20590

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY DOCKET NO.
09/980,806	Barry Hemblade	C60.12-0001

Westman Champlin & Kelly  
 Suite 1600 - International Centre  
 900 Second Avenue South  
 Minneapolis, MN 55402-3319

DOCKETED	4-5-02
RESPONSE DUE	4-5-02
CALENDARED	8-5-02
CHECKED BY ATTY	8-5-02

INTERNATIONAL APPLICATION NO.	
PCT/GB00/01348	
I.A. FILING DATE	PRIORITY DATE
04/10/2000	04/19/1999

CONFIRMATION NO. 8448

371 FORMALITIES LETTER



\*OC00000007413589\*

Date Mailed: 02/05/2002

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 305-3631

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY DOCKET NO
09/980,806	PCT/GB00/01348	C60.12-0001

FORM PCT/DO/EO/905 (371 Formalities Notice)